

Vol. 25, No. 1

Supplement to

January, 1933

JOURNAL  
OF THE  
**AMERICAN WATER WORKS  
ASSOCIATION**

29 West 39th Street, New York, N. Y.

Additions to Membership List from November 1,  
1931, to January 1, 1933

ACTIVE MEMBERS

|  | Joined       |
|--|--------------|
| ABELL, D. S. Aast. Engr., State Board of Health, 5 Marston Road, Charlotte, N. C. ....                                     | Oct. 1, 1932 |
| AMES, FRED W. Engr. & Branch Mgr., Western Pipe & Steel Co., Box 824, Phoenix, Ariz. ....                                  | Oct. 1, 1932 |
| ARNOLD, HALL. Supt., Municipal Light & Water, Madisonville, Ky. ....   | Jan. 1, 1932 |
| ASBELL, GEORGE H. Supt. of Water Works, Daytona Beach, Fla. ....   | Jan. 1, 1932 |
| BAILEY, WM. T. Chemist, City Water Dept., Broadway Pumping Station, Council Bluffs, Ia. ....                               | Jan. 1, 1932 |
| BASS, FREDERIC. Prof. of Civil Engineering, Univ. of Minnesota, Minneapolis, Minn. ....                                    | July 1, 1932 |
| BELL, ALEXANDER. Pacific Coast Mgr., Wallace & Tiernan Co., Inc., 171 Second St., San Francisco, Calif. ....               | Oct. 1, 1932 |
| BENNETT, SCHUYLER M. Chief Operator, Reclamation Plant, Dept. of Water & Power, 1013 Camulos St., Los Angeles, Calif. .... | Jan. 1, 1932 |
| BENSON, R. L. Plant Engr., Union Ice Co., 660 S. Alameda St., Los Angeles, Calif. ....                                     | Jan. 1, 1932 |
| BERG, ARVID H. Chief Chemist, North American Light & Power Co., Walnut & Washington Sts., Peoria, Ill. ....                | Jan. 1, 1932 |
| BERTOLINI, HUMBERTO. Chief Engr., Municipal Water Works, San Jose, Costa Rica, C. A. ....                                  | Oct. 1, 1932 |
| BOOKER, WARREN H. Director, Div. of Sanitation, State Board of Health, Raleigh, N. C. ....                                 | Jan. 1, 1932 |
| BOUEY, JOHN H. District Supt., Dept. of Water & Power, 14238 Friar St., Van Nuys, Calif. ....                              | Oct. 1, 1932 |
| BROOK, HARRY L. Supt., Osgood Water Co., 313 N. Maple St., Osgood, Ind. ....   | Jan. 1, 1932 |
| BROWN, C. E. Mgr., Public Utilities Commission, Meaford, Ont., Canada. ....  | Jan. 1, 1932 |
| BROWN, W. M. City Mgr., Tulare, Calif. ....  | Jan. 1, 1932 |
| BROWNELL, O. E. San. Engr., State Dept. of Health, Div. of Sanitation, University Campus, Minneapolis, Minn. ....          | Jan. 1, 1932 |
| BROWNING, C. R. Chief Engr., San Joaquin Rancho, Tustin, Orange Co., Calif. ....   | Oct. 1, 1932 |
| BRUGGEMAN, A. R. Director of Public Utilities, 105 City Hall, Cleveland, O. ....   | Jan. 1, 1932 |
| BURNETT, DOUGLAS HAROLD. Aast. San. Engr., Oregon-Washington Water Service Co., Salem, Ore. ....                           | Jan. 1, 1932 |
| BURTON, E. S. Plant Mgr., Filtration Plant, Frostburg, Md. ....  | July 1, 1932 |
| BUTLER, ORVILLE C. Supt., Dept. of Public Service, Niagara Falls, N. Y. ....   | Jan. 1, 1932 |
| CAREY, THOS. M. Engr. of Service & Maintenance, Water Dept., 105 City Hall, Cleveland, O. ....                             | Jan. 1, 1932 |
| CARTER, EARL L. Cons. Engr., 814 Continental Bank Bldg., Indianapolis, Ind. ....   | Jan. 1, 1933 |
| CLEGG, T. HERBERT. Cons. Engr., 1600 Walnut St., Room 612, Philadelphia, Pa. ....  | Oct. 1, 1932 |
| COFFMAN, FRED. Aast. Engr., State Board of Health, Raleigh, N. C. ....   | Jan. 1, 1932 |
| CRAWFORD, LUCIEN B. City Clerk & Water Supt., Kelso, Wash. ....  | Jan. 1, 1932 |
| CRICHTON, ALEX. F. Water Commissioner, Eighth & Market Sts., Wilmington, Del. ....   | Jan. 1, 1932 |
| DAFOE, A. L. Supt., Water Works Dept., Napanee Public Utilities Commission, Napanee, Ont., Canada. ....                    | Jan. 1, 1932 |
| DAVIES, W. F. Supt., Gloversville Water Works, 19 W. Fulton St., Gloversville, N. Y. ....                                  | Jan. 1, 1932 |
| DICKSON, C. B. Commissioner of Public Utilities, Dept. of Water & Sewerage, City Hall, Shreveport, La. ....                | Jan. 1, 1932 |
| DONALDSON, EDGAR F. Chief Engr., Annapolis Water Works, R. D. No. 1, Box 66, Defense Highway, Annapolis, Md. ....          | Jan. 1, 1932 |
| DUNSWORTH, M. Supt., Water Dept., Emporia, Kans. ....  | Apr. 1, 1932 |
| ELLENKT, JOHN G. Commissioner of Public Works, City Hall, 54 Court St., Rochester, N. Y. ....                              | Jan. 1, 1932 |

## MONTHLY NEWS BULLETIN

|   | Joined       |
|---|--------------|
| FENTON, M. F. Los Angeles Manager, Wailes Dove-Hermiston Corp., 2461 E. 8th St., Los Angeles, Calif.                        | Jan. 1, 1932 |
| FULLER, HARRY U. Chief Engr., Portland Water District, 16 Casco St., Portland, Me.  | Jan. 1, 1932 |
| FUSSELL, T. E. Supt. of Pumping & Filtration, Griffin, Ga.  | Apr. 1, 1932 |
| GLOVER, ROBERT S. Water Commissioner, Fourth & Orange Sts., Wilmington, Del.  | Jan. 1, 1932 |
| GRABE, GEORGE W. Water Works Supt., Chesley, Ont., Canada   | Jan. 1, 1932 |
| HARMON, BURT. Hyd. Engr., Water Dept., 308 Public Utilities Bldg., Long Beach, Calif.                                       | Oct. 1, 1932 |
| HARMONAT, MICHAEL J. Supt., Bureau of Water, City Hall, Yonkers, N. Y.  | Jan. 1, 1932 |
| HENRY, J. REX. Mgr., Dept. of Utilities, Fremont, Neb.  | Jan. 1, 1932 |
| HEWETT, ARTHUR L. Supt., Water Dept., 100 N. 27th St., Billings, Mont.  | Jan. 1, 1932 |
| HILL, RAYMOND A. Cons. Civil Engr., Engineers Consolidated, 712 Standard Oil Bldg., Los Angeles, Calif.                     | Jan. 1, 1932 |
| HOLLAND, PAUL L. Chief Engr., Public Service Commission of Md., 1701 Munsey Bldg., Baltimore, Md.                           | Jan. 1, 1932 |
| HOLLETT, A. R. Instructor in Civil Engineering, Univ. of North Carolina, Box 281, Chapel Hill, N. C.                        | Jan. 1, 1932 |
| HUDSON, F. W. National Iron Corp., Ltd., Toronto, Ont., Canada  | Jan. 1, 1932 |
| HUFFMAN, H. H. Supt., Water & Street Lighting Dept., Topeka, Kans.  | Jan. 1, 1932 |
| JACOBSON, E. E. Chief Engr., Lexington Water Co., 167 N. Upper St., Lexington, Ky.  | Jan. 1, 1932 |
| JEWETT, HERBERT A. Chief Water & Sewage Inspector, Los Angeles County Health Dept., 678 S. Ferris Ave., Los Angeles, Calif. | Oct. 1, 1932 |
| JOHNSON, JESS B. Supt. of Utilities, Sturgeon Bay, Wis.   | Oct. 1, 1932 |
| JONES, W. B. Sect., James Jones Co., 201 Leroy St., Los Angeles, Calif.   | Jan. 1, 1932 |
| JULIAN, JOHN. Supt. of Water Works, 43 City Hall, Rochester, N. Y.  | Jan. 1, 1932 |
| KAPPE, STANLEY E. Engineering Asst., State Dept. of Health, 1413-15 Market St., Philadelphia, Pa.                           | Jan. 1, 1932 |
| KEVANAGH, J. P. Representative, Wallace & Tiernan Co., Inc., 2241 Avondale Ave., Charlotte, N. C.                           | Jan. 1, 1932 |
| KILKAM, ELSON T. Designing Engr., With Alexander Potter, Cons. Engr., 50 Church St., New York, N. Y.                        | Jan. 1, 1932 |
| KLINGER, OLIVER C. Editor, Oldom Publishing Co., 1217 Hudson Blvd., Bayonne, N. J.  | Jan. 1, 1932 |
| KRAUSE, JOHN W. Supt. of Water, 3840 Maple Ave., Brookfield, Ill.   | Jan. 1, 1932 |
| KYDD, PAUL M. Sect., Jamaica Water Supply Co., 161-20 89th Ave., Jamaica, N. Y.   | Jan. 1, 1932 |
| LAMOND, A. W. Water Analyst, Alexandria Water Co., 4 Cedar St., Alexandria, Va.   | Jan. 1, 1932 |
| LAVELLE, JOHN. Asst. Supt. of Meters & Services, Dept. of Water Works & Supply, Box 240 Arcade Annex, Los Angeles, Calif.   | Oct. 1, 1932 |
| LAWSON, J. G. Supt. of Water Works, Bethel, N. C.   | Oct. 1, 1932 |
| LEAHY, HAROLD W. San. Bacteriologist & Chemist, School of Medicine & Dentistry, Univ. of Rochester, Rochester, N. Y.        | Jan. 1, 1932 |
| LENERT, LOUVA G. Chief Engr., State Board of Health, Jacksonville, Fla.   | Jan. 1, 1932 |
| MACDONALD, EDWARD. Foreman, Water Dept., Melvindale, Mich.  | July 1, 1932 |
| MANOCK, FOSTER. Reliable Iron Foundry, 1583 Fishburn St., Los Angeles, Calif.   | Oct. 1, 1932 |
| McGARIGLE, J. A. Busfield McLeod Ltd., 73 Adelaide St., W., Toronto, Ont., Canada.  | Jan. 1, 1932 |
| MEISEL, A. L. City Mgr., Williamsburg, Va.  | Jan. 1, 1932 |
| MEYER, ED. Water Works Supt., Hespeler, Ont., Canada.   | Jan. 1, 1932 |
| MITCHELL, LOUIS. Dean, College of Applied Science, Syracuse Univ., Syracuse, N. Y.  | Jan. 1, 1932 |
| MOON, PHILIP G. G. Engr. & Gen. Mgr., Bournemouth Gas & Water Co., 136, Old Christchurch Road, Bournemouth, England.        | Oct. 1, 1932 |
| MOORE, T. B. Supt. of Water Works, Summerville, S. C.   | Oct. 1, 1931 |
| MOTTA, ARTHUR. Director do Repartição de Águas e Esgotos de São Paulo, Rua Riachuelo, São Paulo, Brazil, S. A.              | Jan. 1, 1932 |
| NEYDL, CHAS. W. Meter Repairman, 29 Pinebrook Road, New Rochelle, N. Y.   | Jan. 1, 1932 |
| NORDBERG, BRUNO V. E. Executive Engr., 625 N. 50th St., Milwaukee, Wis.   | Jan. 1, 1933 |
| OLE, HOWARD N. San. Engr., U. S. Public Health Service, 714 Masonic Temple, New Orleans, La.                                | July 1, 1932 |
| PEDLEY, FRANK B. Water Supt., East La Verne Road, Pomona, Calif.  | Oct. 1, 1932 |
| O'DONNELL, JOHN F. Supt. of Water Works, 254 8th Ave., S., South St. Paul, Minn.  | July 1, 1931 |
| POOLE, C. ARTHUR. City Mgr., Rochester, N. Y.   | Jan. 1, 1932 |
| PORTER, FRED S. Gen. Mgr., Water Dept., 308 Public Utilities Bldg., Long Beach, Calif.                                      | Oct. 1, 1932 |
| PRENTICE, EDWARD H. City Engr., City Hall, Binghamton, N. Y.  | Jan. 1, 1932 |
| RANKIN, G. C. Supt., Water Dept., Tampa, Fla.   | Jan. 1, 1932 |
| ROBERTSON, JOHN E. Bacteriologist, Water Works, 1154 Hemphill Ave., Atlanta, Ga.  | July 1, 1932 |
| RUCKMAN, CHAS. L. Asst. Supt., Meter & Service Div., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif.      | Jan. 1, 1932 |

## MONTHLY NEWS BULLETIN

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|   | Joined       |
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| SANDERS, V. G. Civil Engr., Dept. of Water & Power, Box 240 Arcade Annex, Los Angeles, Calif.                           | Jan. 1, 1932 |
| SAWYER, ROBERT W. Asst. Engr. with Malcolm Pirnie, 25 W. 43rd St., New York, N. Y.                                      | Jan. 1, 1932 |
| SCHWARTZ, WILLIAM J. Chief Accountant, Hackensack Water Co., 624 Park Ave., Weehawken, N. J.                            | Oct. 1, 1932 |
| SCOBEE, FRED C. Senior Irrigation Engr., Irrigation Div., Bureau of Agricultural Engineering, Box 180, Berkeley, Calif. | Jan. 1, 1932 |
| SMITH, FRANK C. Supt., Taxpayers Municipal Water Works, Creston, Ia.  | Jan. 1, 1932 |
| SMITH, J. F. Sales Mgr., Great Western Electro-Chemical Co., 9 Main St., San Francisco, Calif.                          | Jan. 1, 1932 |
| SMITH, SAMUEL B. Water Supt., Livingston, Tenn.   | Jan. 1, 1932 |
| STANLEY, C. M. Cons. Engr., Young & Stanley, Inc., 211 Iowa Ave., Muscatine, Ia.  | Jan. 1, 1932 |
| STANLEY, J. L. Mgr., Board of Water Commissioners, City Hall, Niagara Falls, Ont., Canada.                              | Jan. 1, 1932 |
| STEVENS, STANLEY. Aluminium, II, Ltd., Bush House, Aldwych, London, W.C. 2, England.                                    | Jan. 1, 1932 |
| STEWART, MARION G. Supt., Natchez Water Works, Natchez, Miss.   | Jan. 1, 1932 |
| STEWART, ROY N. City Engr. & Water Supt., Miles City, Mont.   | Jan. 1, 1932 |
| STOCKWELL, JR., HENRY P. Chem. Engr., Ottawa Water Purification Plant, Ottawa, Ont., Canada.                            | Jan. 1, 1932 |
| STOUT, T. A. Supt., Madison Water Works Co., Madison, W. Va.  | Oct. 1, 1932 |
| SYMONS, G. E. Chemist, State Water Survey, Chemical Bldg., Urbana, Ill.   | Jan. 1, 1932 |
| THORNE, R. M. Water Supt. & City Engr., City Hall, Renton, Wash.  | Jan. 1, 1932 |
| TOBIN, L. P. Supt. & Treas., Municipal Water & Light Dept., Camden, S. C.   | Jan. 1, 1932 |
| TURNER, HOMER G. Director, Research for Anthracite Institute, Mineral Industries Bldg., State College, Pa.              | Jan. 1, 1933 |
| VAN CAMP, PAUL M. San Engr., 250 Locust St., Meadville, Pa.   | Oct. 1, 1932 |
| VAN METER, ROY O. Chief Filter Plant Operator, Dept. of Water & Power, 1025 McFarland St., Wilmington, Calif.           | Oct. 1, 1932 |
| VAN PATTER, HUGH STANLEY. Hyd. Engr., Dominion Engineering Works, Ltd., Montreal, Que., Canada.                         | Jan. 1, 1932 |
| VILLARUZ, PRIMO A. Asst. San Engr., California Water Service Co., 829 N. Monroe St., Stockton, Calif.                   | Jan. 1, 1932 |
| WALKER, W. H. Township Engr., Engineering Dept., Township of Etobicoke, Islington, Ont., Canada.                        | Jan. 1, 1932 |
| WEIDNER, HAYES. Supt. of Water & Sewers, 516 N. Leroux St., Flagstaff, Ariz.  | Jan. 1, 1932 |
| WHITE, HERBERT L. San Engr., Univ. of Illinois, 256 Administration Bldg., W., Urbana, Ill.                              | Jan. 1, 1932 |
| WILLIAMS, CHARLES PAGE. Cons. Engr., 1130 Central Bldg., Los Angeles, Calif.  | Oct. 1, 1932 |
| WITHERS, NEWTON W. Adv. Mgr., Western Construction News & Highways Builder, San Francisco, Calif.                       | Oct. 1, 1932 |
| WOODHOUSE, GLENN A. Engr., American Water Works & Electric Co., 50 Broad St., New York, N. Y.                           | Jan. 1, 1932 |
| WORMSER, FELIX E. Sect., Lead Industries Association, 420 Lexington Ave., New York, N. Y.                               | Jan. 1, 1932 |
| WYATT, RALPH C. Supt., City Water Works, Box 346, Danville, Ky.   | Jan. 1, 1933 |

#### CORPORATE MEMBERS

|  |  |      |         |
|--|--|------|---------|
| BEAR GULCH WATER CO.   | A. F. Poulter, Supt., Box 246, Menlo Park, Calif.                  | July | 1, 1932 |
| BUHL, MINN., WATER, LIGHT, HEAT & BUILDING COMMISSION.           | H. L. Rodby, Supt.   | Jan. | 1, 1932 |
| CORONADO WATER CO.   | P. O. Box 1, National City, Calif.                                 | Jan. | 1, 1932 |
| BOZEMAN, MONT., WATER DEPARTMENT.                                |  | Jan. | 1, 1933 |
| CONNECTICUT PUBLIC UTILITIES COMMISSION.                         | State Office Bldg., Hartford, Conn.                                | Jan. | 1, 1932 |
| COVINGTON, KY.   | J. T. Kingsley, Director of Public Property Room 8, City Bldg.     | Jan. | 1, 1932 |
| ENGINEERING SERVICE CO. INC.                                     | Ivan T. Jacks, Vice Pres., 124 E. Washington St., Lebanon,<br>Ind. | Jan. | 1, 1932 |
| FRESNO CITY, CALIF., WATER DEPARTMENT.                           | Claude H. Weeks, Supt., 1926 Tuolumne St.,<br>Box 1274.            | Jan. | 1, 1932 |
| NIAGARA FALLS, ONT., CANADA, BOARD OF WATER COMMISSIONERS.       | S. R. Frost, Chairman,<br>City Hall.                               | Jan. | 1, 1932 |
| CORPORATION OF TOWNSHIP OF NORTH YORK, WILLOWDALE, ONT., CANADA. |  | Jan. | 1, 1932 |
| NORTHEASTERN MANAGEMENT CORP.                                    | John Latta, 57 William St., New York, N. Y.                        | Jan. | 1, 1933 |
| OSHAWA, ONT., CANADA, PUBLIC UTILITIES COMMISSION.               | G. F. Shreve, Gen. Mgr. & Sect.,<br>100 Simcoe St., S.             | Jan. | 1, 1933 |
| SACRAMENTO, CALIF., DIVISION OF WATER.                           | R. E. Mittelstaedt, Supt.  | Jan. | 1, 1932 |
| STRATHROY, ONT., CANADA, PUBLIC UTILITIES COMMISSION.            | A. C. Herrington, Mgr.   | Jan. | 1, 1932 |

|   | Joined       |
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| TOWNSHIP OF TECK. F. G. Browne, Supt. of Water Works, Kirkland Lake, Ont., Canada..             | Jan. 1, 1932 |
| TOWNSHIP OF YORK. O. M. Falls, Commissioner of Works, 40 Jarvis St., Toronto, Ont., Canada..... | Jan. 1, 1932 |

## ASSOCIATE MEMBERS

|  |              |
|--|--------------|
| CHIEMUNG FOUNDRY CORP. 500 Erie St., Elmira, N. Y.....   | Jan. 1, 1932 |
| GENERAL PAINT CORP. 160 Fremont St., San Francisco, Calif.....                                   | Jan. 1, 1932 |
| READING IRON CO. G. H. Woodroffe, Metallurgical Engr., 401 N. Broad St., Philadelphia, Pa.....   | Oct. 1, 1932 |
| REFINITE CO. 1023 Harney St., Omaha, Neb.....  | Apr. 1, 1932 |
| REPUBLIC STEEL CO. L. S. Hamaker, Mgr., Sales Promotion Div., Republic Bldg., Youngstown, O..... | July 1, 1932 |
| VERNON FOUNDRY, INC. A. J. Muhlbach, Sect. & Gen. Mgr., Hollydale, Calif.....                    | Jan. 1, 1932 |

## Former Members Restored

## ACTIVE MEMBERS

|  | Date Restored |
|--|---------------|
| BAIR, M. Z. Chief San. Engr., State Board of Health, Little Rock, Ark.....                             | May 2, 1932   |
| BRYANT, G. A. Chief Engr., Cannon Mills, Kannapolis, N. C.....   | Nov. 23, 1932 |
| IRELAND, D. W. Filter Plant Operator, Burlington, N. C.....  | Dec. 27, 1932 |
| MAFFITT, M'KEAN. Supt. of Water & City Engr., Wilmington, N. C.....                                    | Nov. 30, 1931 |
| STROMQUIST, W. G. San. Engr., Jefferson County Board of Health, Box 2591, Birmingham, Ala.....         | May 2, 1932   |
| WUENSTE, R. C. Supervisor, San Diego Water Impounding System, 4288 Arguello St., San Diego, Calif..... | Nov. 4, 1932  |